

Sheet 1 of 7.

Form PTO-1449	U.S. Department of Commerce Patent and Trademark Office	ATTY. DOCKET NO. P51339	SERIAL NO. 10/511,770
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use several sheets if necessary)</i>		APPLICANT Boehm, et al.	
		FILING DATE 3 March 2006	PRIOR GROUP 1624

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U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	AA	7,235,551	26 Jun 07	Adams, et al.			
	AB	7,323,472	29 Jan 08	Adams, et al.			
	AC	7,314,881	01 Jan 08	Adams, et al.			
	AD	7,314,934	01 Jan 08	Adams, et al.			
	AE	7,479,558	20 Jan 09	Boehm, et al.			
	AF	7,423,042	09 Sep 08	Boehm, et al.			
	AG	2006/0235030	19 Oct 06	Callahan, et al.			
	AH	2009/0069318	12 Mar 09	Callahan, et al.			

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FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	/Tamthom Truong/	DATE CONSIDERED 07/16/2009
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	2004/063658	1 Apr 04	Roberts, et al			
	4,886,807	12 Dec 89	Kitamura et al.			
	4,897,395	30 Jan 01	Duch et al.			
	5,304,560	19 Apr 94	Shimazaki et al.			
	5,409,930	25 Apr 95	Spada et al.			

FOREIGN PATENT DOCUMENTS need names

	Document Number	Date	Country	Class	Subclass	Translation Yes No
/T.N./	EP 0 530 994	10 Mar 93	EPC	C07D	239/80	
/T.N./	EP 0 278 686	5 Feb 88	EPC			
/T.N./	GB 2 123 830	8 Feb 84	Great Britain	C07D	233/64	
/T.N./	JP 20000038350	2 Aug 00	Japan (original and machine translation)			X
	JP 2002/127542	8 May 02	Japan (machine)			X
/T.N./	WO 01/70741	27 Sep 01	WIPO			
/T.N./	2004-203751	22 Jul 04	Japan + machine translation			x
/T.N./	WO 99/61444	2 Dec 99	WIPO			
/T.N./	WO 00/23444	27 Apr 00	WIPO			
/T.N./	WO 00/43374	27 Jul 00	WIPO			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

/T.N./	Adams et al., Progress in Medicinal Chemistry, Vol. 38, pgs 2-61 (2001).		
/T.N./	Armarego, W., Chem. Soc., Quinazolines, Part IV (JCSOA9) pg 561 (1962) .		
/T.N./	Anderson et al., J. Org. Chem., 1977, vol 42, pg 993.		
/T.N./	Baker et al., J. Heterocyclic Chem., 1964, Vol. 1, pgs 263-270.		
/T.N./	Votta et al., Bone, Vol. 15 (5) pgs 533-538 (1994) .		
/T.N./	Bradlerova et al., Chem. Zvesti, Vol. 29 (6), pgs 795-802 (1975) .		
/T.N./	de Silva et al., J. Chem. Soc., Vol. 4, pgs 685-690 (1995) .		
/T.N./	Engel & Steglich, Liebigs Ann. Chem., pg 1916 (1978) .		
/T.N./	Ferles et al., Collect. Czech. Chem. Commun., Vol. 5 (46), pgs 1167-1172 (1981) .		
/T.N./	Fischer et al., Rec. Trav. Chim. Pays. Bas., Vol. 84, pg 439 (1965) .		
/T.N./	Fulmer et al., J. Heterocycl. Chem., Vol. 17 (4), pgs 799-800 (1980).		
EXAMINER	/Tamthom Truong/	DATE CONSIDERED	07/16/2009
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U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	5,426,110	20 Jun 95	Gossett et al.			
	5,547,954	20 Aug 96	Henrie, II et al.			
	5,597,776	28 Jan 97	Bratz et al.			
	5,620,981	15 Apr 97	Blankley et al.			
	5,733,913	31 Mar 98	Blankley et al.			
	5,733,914	31 Mar 98	Blankley et al.			

FOREIGN PATENT DOCUMENTS need names

	Document Number	Date	Country	Class	Subclass	Translation Yes No	
	JP1-261306	18 Oct 89	Japan (original and translation)			X	
/T.N./	WO 98/27098	Jun 1998	WIPO	C07D	487/04		
/T.N./	WO 98/33798	6 Aug 98	WIPO				
/T.N./	WO 99/41253	19 Aug 99	WIPO				
/T.N./	WO 99/64400	16 Dec 99	WIPO	C07D	217/24		
/T.N./	WO02/060869	8 Aug 02	WIPO	C07D	unknown		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

/T.N./	Gilbert, E., Synthesis, pgs 30-32 (1972) .		
/T.N./	Han et al., Science, Vol. 265, pgs 808-811 (1994) .		
/T.N./	Hunter et al., Academic Press, San Diego, Vol. 200, pg 3 (1991) .		
/T.N./	Irwin et al., Archives of Internal Medicine, Vol. 157 (17), pgs 1981-1987 (1997) .		
/T.N./	Ishibashi et al., Chem. Pharm. Bull., Vol. 37(8), pgs 2214-2216 (1989) .		
/T.N./	Johnson et al., PG.A., J.Chem.Soc., Perkin Trans., Vol. 1, pgs 895-905 (1996) .		
/T.N./	Jurkowska-Kowalczyk, R., Chem., Vol. 51 (6), pgs 1191-9 (1977) .		
/T.N./	Katritzky et al., Synthesis, pgs. 45-47 (Jan 1993) .		
/T.N./	Kawasaki et al., J. Bio. Chem., Vol. 272(30), pgs 18518-18521 (1997) .		
/T.N./	Boehm, et al., <i>Expert Opinion on Therapeutic Patents</i> , Vol. 10(1), pgs 25-37 (2000) .		
/T.N./	Carboni et al., <i>Gazzetta Chimica Italiana</i> , Vol. 97(8) pgs 1262-1273 (1967) .		
/T.N./	Carboni et al., <i>Gazzetta Chimica Italiana</i> , Vol. 98(10) pgs 1174-1188 (1968) .		
/T.N./	Ferrarini et al., <i>Journal of Heterocyclic Chemistry</i> , Vol. 21(2) pgs 417-419 (1984) .		
/T.N./	Ferrarini et al., <i>Journal of Heterocyclic Chemistry</i> , Vol. 34(5) pgs 1501-1510 (1997) .		
EXAMINER	/Tamthom Truong/	DATE CONSIDERED	07/16/2009
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U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	5,767,097	16 Jun 98	Tam			
	5,945,422	31 Aug 99	Doherty, et al.			
	6,083,948	4 Jul 00	Wilde, et al.			
	6,200,977	13 Mar 01	Cusing et al.			
	6,277,989	21 Aug 01	Chakravarty et al.			
	6,476,031	5 Nov 02	Chakravarty et al.			
	6,479,463	12 Nov 02	Wang, et al.			
	6,492,520	10 Dec 02	Chen			

FOREIGN PATENT DOCUMENTS need names

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
/T.N./	WO 02/059083	1 Aug 02	WIPO	C07D	unknown		
/T.N./	WO 92/12154	23 Jul 92	WIPO	C07D	487/04		
/T.N./	WO 05/14558	17 Feb 05	WIPO				
/T.N./	WO 02/102315	27 Dec 02	WIPO				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

/T.N./	Mikailu et al., Zh. Obshch. Khim., Vol. 56 (7), pgs 1513-1517 (1986) .
/T.N./	Morton et al., Tetrahedron Letters, pg 4123 (1982) .
/T.N./	Protecting Groups in Organic Synthesis, 2 nd Edition, Greene TW and Wuts PSM, Wiley-Interscience, New York, pgs. 10-174 (Hydroxyl and Phenolic) and pgs 309-403 (NH protection) (1991) .
/T.N./	Santilli et al., J. Heterocycl Chem., Vol. 8, pgs 445-453 (1971) .
/T.N./	Snieckus, V., Tetrahedron Letters, Vol. 29, pg 2135 (1988) .
/T.N./	Stille et al., J. Amer. Chem. Soc., Vol. 109, pg 5478 (1978) .
/T.N./	Strzybny et al., J. Org. Chem., Vol. 28, pg 3381 (1963).
/T.N./	Terashima et al., M., Chem. Pharm. Bull., Vol. 11, pg 4755 (1985) (Ishikura et al.) .
/T.N./	Thompson et al., J. Org. Chem., Vol. 49, pg 5237 (1984) .
/T.N./	Uno et al., Bull. Chem. Soc. Japan., Vol. 69, pgs 1763-1767 (1996) .
	Vartanyan et al., Vol. 40, (9), pgs 552-560 (1987)
	Borrel et al., Coll. Czech. Chem. Commun., 1996, 61(6) pgs 901-909
/T.N./	Victory et al., Heterocycles, 1985, 23(5), pgs 1135-1141 .

EXAMINER

/Tamthom Truong/

DATE CONSIDERED

07/16/2009

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U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	6,498,163	24 Dec 02	Boschelli et al.			
	6,528,508	4 Mar 03	Salituro, et al.			
	6,528,513	4 Mar 03	Cusing et al.			
	6,593,333	15 Jul 03	Cumming			
	6,800,626	5 Oct 04	Salituro, et al.			
	6,809,199	26 Oct 04	Doherty et al.			
	6,838,559	4 Jan 05	Vaccaro, et al.			

FOREIGN PATENT DOCUMENTS need names

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
/T.N./	WO 94/19350	1 Sep 94	WIPO	C07D	487/04		
/T.N./	WO 95/19774	27 Jul 95	WIPO				
/T.N./	WO 95/33750	14 Dec 95	WIPO				
/T.N./	WO 97/38992	23 Oct 97	WIPO				
/T.N./	WO 98/05661	12 Feb 98	WIPO				
/T.N./	WO 98/08846	5 Mar 98	WIPO				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Gallagher et al., Bioorganic and Med Chem, Vol. 5(1), pgs 49-64 (1997).		
/T.N./	Garigipati, R., Tetrahedron Letters, Vol. 31, pg 190 (1989).		
/T.N./	Kumada et al., Tetrahedron Letters, Vol. 22, pg 5319 (1981).		
/T.N./	Lamartina et al., Boll. Chim. Farm., Vol. 129 (12), pgs 314-316 (1990).		
/T.N./	Victory et al., Heterocycles, 1985, 23(8), pgs 1947-1950.		
/T.N./	Victory et al., AFINIDAD, March 1989, Vol. 46, pgs 107-113 (Spanish).		
/T.N./	Klotzer et al., Monatsh Chem., 1965, Vol. 96, pg 1567.		
/T.N./	Zavvalov, et al., Khim Farm Zh, Vol. 26(3), pg 88 (1992) (With Translation).		
/T.N./	Hare, et al., J. Med Chem., Vol. 47 pgs 4731-4740 (2004).		
/T.N./	Hunt, et al., Bioorganic & Medicinal Chemistry Letters, Vol. 13 pgs 467-470 (2003).		
/T.N./	Nishikawa et al., Chemical Pharm. Bull., 1976, Vol. 24(9), pgs 2057-2077.		
EXAMINER	/Tamthom Truong/	DATE CONSIDERED	07/16/2009
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U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	2005/0272728	8 Dec 05	Altenbach, et al.			
	2004/0242604	2 Dec 04	Bhattacharya, et al.			
	2004/236084	25 Nov 04	Biwersi, et al.			
	2004/0235847	25 Nov 04	Quan, et al.			
	2004/224958	11 Nov 04	Booth, et al.			
	2005/187217	25 Aug 05	Wilson, et al.			
	2004/142945	22 Jul 04	Barbosa, et al.			
	2004/0009993	15 Jan 04	Angiolini, et al.			
	2003/0114671	19 Jun 03	Chen			
	3,843,663	22 Oct 74	Williams et sl.			
	4,560,691	24 Dec 85	Leshner et al.			
	5,817,670	6 Oct 98	Takayama et al.			
	5,466,692	14 Nov 95	Ellingboe			
	5,760,220	2 Jun 98	Giguere, et al.			

FOREIGN PATENT DOCUMENTS need names

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
/T.N./	WO 01/19828	22 Mar 01	WIPO				
/T.N./	WO 01/42243	14 Jun 01	WIPO				
/T.N./	WO 01/55147	2 Aug 01	WIPO				
/T.N./	WO 95/15952	15 Jun 95	WIPO				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

/T.N./	Foster, et al., <i>Drug News Perspect.</i> , Vol. 13(8) pgs 488-497 (2000).
/T.N./	Hanson, G., <i>Expert Opinion on Therapeutic Patents</i> , Vol. 7(7) pgs 729-733 (1997).
/T.N./	Henry, et al., <i>Bioorganic & Medicinal Chemistry Letters</i> , Vol. 8 pgs 3335-3340 (1998).
/T.N./	Herlaar, et al., <i>Molecular Medicine Today</i> , Vol. 5 pgs 439-447 (1999).
/T.N./	Hurlbert, et al., <i>J. Med. Chem.</i> , 1968, Vol. 11, pgs 703-707.
/T.N./	Khabar, Khalid, <i>Journal of Interferon & Cytokine Research</i> , Vol. 25 pgs 1-10 (2005).
/T.N./	Lee, et al., <i>Immunopharmacology</i> , Vol. 47(2-3) pgs 185-201 (2000).
EXAMINER	DATE CONSIDERED
/Tamthom Truong/	07/16/2009
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/T.N./	WO 04/43367	27 May 04	WIPO				
/T.N./	WO 02/102315	27 Dec 02	WIPO				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

/T.N./	Marin, et al., <i>Blood</i> , Vol. 98(3) pgs 667-673 (2001).
/T.N./	Marshall, <i>Cell</i> , Vol. 80(2) pgs 179-186 (1995).
/T.N./	Seeger, et al., <i>FASEB</i> , Vol. 9(9) pgs 726-735 (1995).
/T.N./	Lee, et al., <i>Nature</i> , Vol 372(6508) pgs 739-747 (1994).
/T.N./	Herskowitz, <i>Cell</i> , Vol. 80(2) pgs 187-197 (1995).
/T.N./	Cohen, <i>Trends in Cell Biology</i> , Vol. 7(9) pgs 353-361 (1997).
/T.N./	Rewcastle, et al., <i>Med Chem</i> , Vol. 39 pgs 1823-1835 (1996).
/T.N./	Schoffstall, <i>J Org Chem</i> , Vol. 36(16) pgs 2385-2387 (1971).
/T.N./	Underwood, et al., <i>Journal of Pharmacology and Experimental Therapeutics</i> , Vol. 293 (1) pgs 281-288 (2000).
/T.N./	Victory, et al., <i>J Heterocyclic Chem</i> , Vol.v 25 pgs 245-247 (1988).
/T.N./	Wadsworth, et al., <i>Journal of Pharma and Exp Therapeutics</i> , Vol. 291(2) pgs 680-687 (1999).
/T.N./	Weinstein, et al., <i>J. Immunol.</i> , Vol 151(7) pgs 3829-3838 (1993).

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